

Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 0 860 773 A1**

(12)

EUROPEAN PATENT APPLICATION

(43) Date of publication:

26.08.1998 Bulletin 1998/35

(51) Int. Cl.⁶: G06F 9/00, G06F 9/44

(21) Application number: 97440017.8

(22) Date of filing: 21.02.1997

(84) Designated Contracting States:

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT SE

Designated Extension States:

AL LT LV RO SI

(71) Applicant:

ALCATEL ALSTHOM COMPAGNIE GENERALE
D'ELECTRICITE
75008 Paris (FR)

(72) Inventors:

• Delcourt, Christine
78121 Crespières (FR)

• Huon, Jean-Robert

91240 St Michel sur Orge (FR)

• Diehl-Wartrin, Claire

75013 Paris (FR)

• Richard, Philippe

78150 Le Chesnay (FR)

(74) Representative:

Knecht, Ulrich Karl, Dipl.-Ing. et al
Alcatel Alsthom
Intellectual Property Department,
Postfach 30 09 29
70449 Stuttgart (DE)

(54) Method of generating a software application

(57) The invention concerns the generation of software application that can be applied to several different target platforms. A software application is described by two separated, platform independent descriptions of said application, a computational description (CD) describing the structure and semantic of said application in a platform independent way and an engineering

description (ED) describing the implementation principles of said application in a platform independent way. Both of said two separated descriptions (CD, ED) are used to map the application onto a target platform (TP) by means of a respective target platform profile.

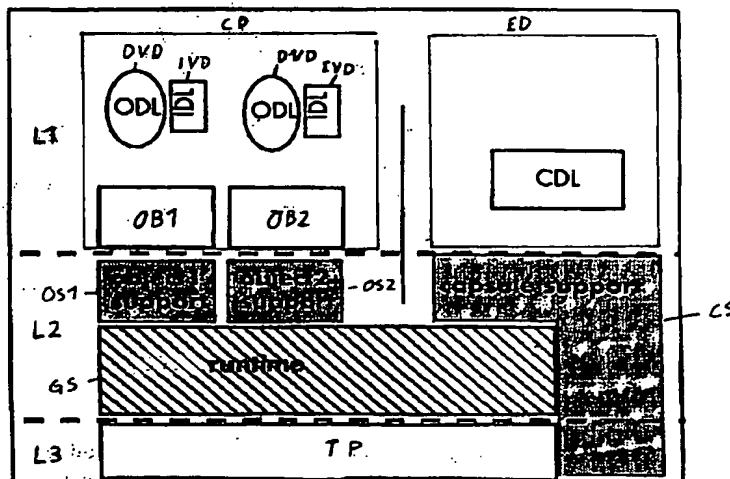


Fig. 1

EP 0 860 773 A1

This Page Blank (uspto)